

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Zhaocheng WANG et al.  
U.S. Serial No.: Filed Concurrently Herewith  
Title of Invention: FREQUENCY REUSE SCHEME FOR OFDM SYSTEM

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**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Box Patent Application (35 U.S.C. 111)  
Washington, D.C. 20231

Sir:

Before the issuance of the first Office Action, please amend the above-identified application as follows:

**IN THE CLAIMS:**

Please amend claims 3 and 6 as follows:

3 (Amended) Cellular communication system according to claim 1,

**characterized in,**

that the frequency reuse factor of the data parts is 3 and the one of the pilot parts is 9.

6. (Amended) Method for operating a cellular communication system according to claim 4,  
**characterized in,**

that the frequency reuse factor of the data parts is 3 and the one of the pilot parts is 9.

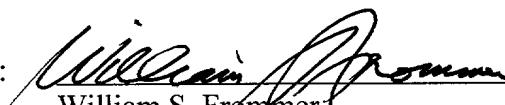
**REMARKS**

Claims 1-6 remain in the application. Claims 3 and 6 have been amended to eliminate multiple dependencies. Attached hereto is a marked up version of the changes made to claims 3 and 6 by the current amendment. The attached page is captioned "**Version with markings to show changes made.**" The filing fee has been calculated based upon these amendments to the claims.

Respectfully submitted,

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**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**In the claims:**

3 (Amended) Cellular communication system according to claim 1 or 2,  
**characterized in,**  
that the frequency reuse factor of the data parts is 3 and the one of the pilot parts is 9.

6. (Amended) Method for operating a cellular communication system according to claim 4 or 5,  
**characterized in,**  
that the frequency reuse factor of the data parts is 3 and the one of the pilot parts is 9.

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